

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: R-I5\_13-32-M1024-12\_5-M-11V-0



Unleash Mighty Performance in a Micro Footprint: The Thinvent® Neo R/4 Mini PC.

Experience unparalleled power and versatility with the Thinvent® Neo R/4, a revolutionary mini PC designed for peak performance in any environment. Its compact size belies its incredible capabilities, making it ideal for demanding tasks, industrial applications, or sophisticated edge computing.

### Performance Unleashed

- Drive intensive applications with the Intel® Core™ i5-1335U processor, boasting 10 cores and turbo speeds up to 4.6 GHz, backed by 12 MB cache for blazing-fast responsiveness.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring seamless transitions and smooth operation even with resource-heavy workloads.
- Boot in seconds and access your data at lightning speed thanks to the ultra-fast 512GB SSD.

### Seamless Integration

- Connect with confidence using dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for robust network access.
- Versatile display options include HDMI and VGA outputs.
- Expand your peripherals with two USB 3.2 and two USB 2.0 ports, along with dedicated speaker out and mic in jacks.

- Powered by Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, it delivers enhanced security and optimized performance for specialized applications.

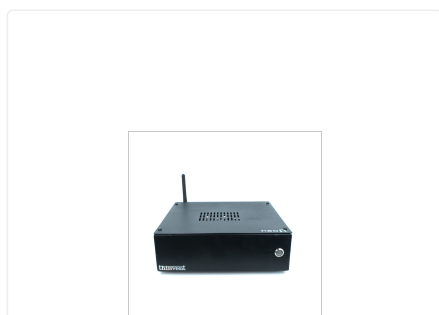
### Built for Reliability

- Its incredibly small form factor (198mm x 200mm x 73mm) and feather-light 110-gram weight allow for discreet placement anywhere.
- Encased in a durable, black power-coated steel housing, ensuring longevity and resilience in challenging conditions.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

### Reliable Power, Global Ready

- Operates efficiently on a wide power input range (100-275V AC) with a reliable 12V 7A adapter and a 2-metre cable.
- Designed for continuous operation in temperatures from 0°C to 40°C and 20% to 80% RH, non-condensing.

Elevate your productivity and streamline your operations with the Thinvent® Neo R/4 – the ultimate compact powerhouse.





## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	1024 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

### ENVIRONMENTAL

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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Form Factor	Mini PC
Dimensions	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.52kg, 1.94kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

### PRODUCT CODE

**R-i5\_13-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>64</b> = 64GB DDR4			
<b>SSD</b>	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m32</b> = 32GB		<b>m512</b> = 512GB	
	<b>m1024</b> = 1TB		<b>S32</b> = 32GB MLC	
	<b>S128</b> = 128GB		<b>S256</b> = 256GB	
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
<b>OS</b>	<b>DOS</b> = DOS		<b>W_OS</b> = Without OS	
	<b>11V</b> = Windows 11 IoT Value		<b>11P</b> = Windows 11 Pro	
	<b>Thinix</b> = Thinix™ Embedded Linux		<b>U</b> = Ubuntu Linux	
<b>Accessories</b>	<b>0</b> = None		<b>KM</b> = Keyboard and Mouse set	
	<b>1S</b> = DB9 Serial		<b>MK</b> = Mechanical Keyboard	
	<b>Mo</b> = Wired Optical Scroll Mouse			

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